



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).

Aarhus, in Denmark. The following observations were made at Odder:—

Feb. 23, 6 <sup>h</sup> 30 <sup>m</sup> P.M. Brighter than <i>Capella</i> , 0 <sup>m</sup> .1; blue white.	Mar. 13, 7 <sup>h</sup> 30 <sup>m</sup> P.M. $\left\{ \begin{array}{l} < \epsilon \text{ Persei.} \\ > \nu \text{ Persei.} \end{array} \right.$
24, 5 <sup>h</sup> 30 <sup>m</sup> A.M. Brighter than <i>Vega</i> .	19, 8 <sup>h</sup> P.M. 5–6 <sup>m</sup> ; the sky partly clouded.
25, 7 <sup>h</sup> 30 <sup>m</sup> P.M. 0 <sup>m</sup> .80.	20, 7 <sup>h</sup> 30 <sup>m</sup> P.M. A little $< \nu \text{ Persei.}$
28, 8 <sup>h</sup> 30 <sup>m</sup> P.M. 1 <sup>m</sup> .78.	22, 8 <sup>h</sup> P.M. 5 <sup>m</sup> ; deep red.
Mar. 4, 8 <sup>h</sup> P.M. A little $> \delta \text{ Persei.}$	23, 9 <sup>h</sup> P.M. = $\nu \text{ Persei} = 3m.9.$
9, 10 <sup>h</sup> P.M. 4 <sup>m</sup> .79; deep red.	26, 9 <sup>h</sup> P.M. 5 <sup>m</sup> .
	29, 9 <sup>h</sup> 15 <sup>m</sup> P.M. 5 <sup>m</sup> .36.

After this date the sky was overclouded for twenty-three days.

Apr. 21, 10 <sup>h</sup> P.M. = 30 Fl. = 5 <sup>m</sup> .41.	Sept. 7, 9 <sup>h</sup> P.M. id.
23, 9 <sup>h</sup> 30 <sup>m</sup> P.M. 4 <sup>m</sup> , very bright; with visual spectroscope a red line was seen.	12, 10 <sup>h</sup> P.M. 6 <sup>m</sup> .6.
24, 9 <sup>h</sup> 30 <sup>m</sup> P.M. = 30 Fl.	20, 11 <sup>h</sup> 30 <sup>m</sup> P. M. id.
25, 10 <sup>h</sup> P.M. 5 <sup>m</sup> .6.	21, 9 <sup>h</sup> P.M. 6 <sup>m</sup> .5.
28, 11 <sup>h</sup> P.M. 5 <sup>m</sup> .5. Red.	24, 9 <sup>h</sup> P.M. id.
May 1, 10 <sup>h</sup> 30 <sup>m</sup> P.M. 6 <sup>m</sup> .	Oct. 9, 9 <sup>h</sup> P.M. id.
3, 9 <sup>h</sup> 30 <sup>m</sup> P.M. 5 <sup>m</sup> .4.	11, 7 <sup>h</sup> 30 <sup>m</sup> P.M. 7 <sup>m</sup> .0.
4, 9 <sup>h</sup> 30 <sup>m</sup> P.M. 6 <sup>m</sup> .	29, 8 <sup>h</sup> P.M. 6 <sup>m</sup> .8.
10, 11 <sup>h</sup> P.M. id.	31, 6 <sup>h</sup> P.M. id.
13, 11 <sup>h</sup> 30 <sup>m</sup> P.M. = 32 Fl. = 5 <sup>m</sup> .1.	Nov. 1, 8 <sup>h</sup> P.M. id.
21, 10 <sup>h</sup> 30 <sup>m</sup> P.M. 5 <sup>m</sup> .8.	2, 8 <sup>h</sup> P.M. id.
June 29, 11 <sup>h</sup> 50 <sup>m</sup> P.M. 6 <sup>m</sup> .	3, 8 <sup>h</sup> P.M. id.
July 20, 1 <sup>h</sup> A.M. 6 <sup>m</sup> .	9, 8 <sup>h</sup> P.M. id.
Aug. 17, 10 <sup>h</sup> P.M. 6 <sup>m</sup> .4.	20, 6 <sup>h</sup> 30 <sup>m</sup> P.M. 7 <sup>m</sup> .2.
19, 10 <sup>h</sup> P.M. 6 <sup>m</sup> .6.	22, 9 <sup>h</sup> P.M. 7 <sup>m</sup> .5.
24, 10 <sup>h</sup> P.M. 6 <sup>m</sup> .3.	23, 11 <sup>h</sup> P.M. 7 <sup>m</sup> .2.
Sept. 2, 9 <sup>h</sup> P.M. id.	26, 6 <sup>h</sup> P.M. id.
3, 9 <sup>h</sup> P.M. id.	30, 6 <sup>h</sup> P.M. 7 <sup>m</sup> .0.
	Dec. 4, 6 <sup>h</sup> P.M. 7 <sup>m</sup> .5.
	6, 6 <sup>h</sup> 30 <sup>m</sup> P.M. 7 <sup>m</sup> .2.
	8, 9 <sup>h</sup> P.M. id.

#### SHOOTING STARS.

Simultaneous observations on meteors were made from several stations in Denmark and Sweden. From the northwestern rampart of the ancient Uranienborg, where TYCHO BRAHE made his admirable observations, more than three hundred years ago, I watched the shooting-stars on the 9th, 10th, and 11th of August, and the paths of one hundred such meteors were drawn upon the map. From all the stations 417 meteors were observed.

## FIREBALLS.

In the past year seventeen fireballs have been seen from stations in Denmark.

No.	Time.	Beginning.	End.	Mag.	Station.	Note.
1	Jan. 17, 4 <sup>h</sup> 16 <sup>m</sup> P. M.	WNW. 45° alt.	NNW.	I	Copenhagen...	{ Exploded into three or four parts. Seen from several stations.
2	21, 10 28	160° + 50°	177° + 24°	I	Hellerup .....	White meteor, lasting 4 seconds.
3	22, 12 32 A. M.	96° — 7°	115° — 20°	♀	Præstø .....	{ Very slow; duration 5 seconds; was at first of the third magnitude.
4	29, 8 30 P. M.	.....	E.	*	Lidsted (Bornholm) .	{ Large meteor, with a bright train; whistling in the air; after three minutes three detonations were heard.
5	Feb. 12, 6 10	.....	Below <i>Sirius</i> .	*	Hareskov .....	Red; large train.
6	24, 11 50	.....	.....	*	Kolding .....	Explosion; the pieces of various colors.
7	28, 6 10	<i>Cassiopeia</i> .	30° + 40°	I-4 ☾	Copenhagen...	Yellow; train.
8	April 23, 10 17	279° + 42°	320° + 48°	I-5 ☾	Copenhagen...	
9	Aug. 14, 9 50	.....	.....	*	Lyngby .....	
10	15, 10 15	.....	.....	*	Hovedgaard...	Explosion.
11	18, 10 15	270° + 82°	202° + 27°	*	Olstrup .....	Train, lasting 5 seconds.
12	24, 10 43	307° + 13°	315° — 2°	♀	Odder .....	Orange; duration 4 seconds.
13	Sept. 8, 10 16	32.5° + 32°	20° + 20°	♀	Copenhagen...	Train, lasting 4.5 seconds.
14	Oct. 6, 10 42	158° + 56°	118° + 32°	*	Maarslet .....	{ Red; very slow; duration of the movement 15 seconds. Also seen at Odense.
15	Nov 15, 12 30 A. M.	<i>Leo-Camelopardalus</i> .	<i>Cassiopeia-Pegasus</i> .	*	Veile .....	Train for 30 seconds.
16	16, 10 25 P. M.	57° + 15°	76° — 2°	♀	Veile .....	{ Red; explosion; duration 6 seconds; was at first of the third magnitude. Also seen at Copenhagen.
17	Dec. 9, 9 0	E.	W.	*	Strö .....	Horizontal path; slow.